

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. **(Canceled)**

2. **(Currently Amended)** A medical material comprising a biocompatible component introduced by graft polymerization grafted to a surface of a diamond-like carbon film, and said diamond-like film is formed on a surface of a base material,

wherein said biocompatible component is a polymer of vinyl monomers, vinylidene monomers, vinylene monomers or cyclic vinylene monomers.

3. **(Canceled)**

4. **(Currently Amended)** The medical material of claim [[3,]] 2, wherein the biocompatible component is a polymer formed by grafting vinylmonomers which contain fluorine to the surface of the diamond-like carbon film, containing fluorine.

Preliminary Amendment with RCE
(Reply to Office Action of October 29, 2008)

5. **(Currently Amended)** The medical material of claim [[3,]] 2, wherein the biocompatible component is a ~~molecule~~ polymer containing silicon, ~~the molecule being grafted to the surface of the diamond-like carbon film.~~

6-7. **(Canceled)**

8. **(Original)** The medical material of claim 2, wherein the biocompatible component contains at least one functional group selected from a group consisting of an ethylene oxide group, a hydroxy group, a phosphate group, an amino group, an amido group, a phosphorylcholine group, a sulfone group, and a carboxyl group.

9. **(Original)** The medical material of claim 2, wherein an intermediate layer is provided between the base material and the diamond-like carbon film to improve adhesion between the base material and the diamond-like carbon film.

10. **(Original)** The medical material of claim 9, wherein the intermediate layer is an amorphous film containing silicon and carbon as primary constituents.

11. **(Canceled)**

Preliminary Amendment with RCE
(Reply to Office Action of October 29, 2008)

12. **(Previously Presented)** The medical material of claim 2, wherein the base material is a metal material, ceramic material, or macromolecular material, or a complex thereof.

13. **(Previously Presented)** A medical instrument formed by using the medical material of claim 2.

14. **(Original)** The medical instrument of claim 13, wherein the medical instrument is a medical instrument which is to be embedded in a living body.

15. **(Original)** The medical instrument of claim 14, wherein the medical instrument is a catheter, guide wire, stent, artificial cardiovalvular membrane, or artificial joint.

16-23. **(Canceled)**

24. **(Currently Amended)** A medical material comprising a biocompatible component ~~without a sugar chain~~ covalently bonded to a surface of a diamond-like carbon film formed on a surface of a base material, said biocompatible component having no sugar chain.

25. **(Previously Presented)** The medical material of claim 24, wherein the biocompatible component without a sugar chain is a peptide, a protein, a nucleobase or an amino acid.

26. **(Currently Amended)** A medical material comprising a biocompatible component ~~without a sugar chain~~ ionically bonded to a surface of a diamond-like carbon film formed on a surface of a base material, said biocompatible component having no sugar chain.

27. **(Previously Presented)** The medical material of claim 26, wherein the biocompatible component without a sugar chain is a peptide, a protein, a nucleobase or an amino acid.

28. **(New)** The medical material of claim 2, wherein the biocompatible component is a polymer of hydrophilic 2-hydroxypropyl methacryl amide.